

## SAVANNAH RIVER BASIN

02192830 BLUE HILL CREEK AT ABBEVILLE, SC

LOCATION.--Lat 34°10'03'', long 82°22'17'', Abbeville County, Hydrologic Unit 03060103, on downstream side of footbridge behind the Milliken waste water treatment facility, 0.3 mi downstream of SC Highway 72, and 1.4 mi upstream of Parker Creek.

DRAINAGE AREA.--3.24 mi<sup>2</sup>.

## WATER-DISCHARGE RECORDS

PERIOD OF DAILY RECORD.-- February 1998 to current year.

GAGE.--Data collection platform. Datum of gage is 475 ft above sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges and discharges March 6 to April 11, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.96	1.1	1.1	1.4	1.5	1.6	3.4	1.9	5.8	.83	.74	.57
2	.89	1.1	1.4	1.3	1.5	1.6	2.9	2.0	.72	.81	.69	.81
3	e.88	.97	1.3	1.3	1.4	2.8	4.8	2.0	2.2	.82	.68	.91
4	.87	1.0	1.1	1.4	1.3	12	3.3	1.8	2.0	1.0	.73	.97
5	.87	1.2	1.1	1.5	1.4	2.6	3.1	1.8	1.6	.85	.60	.60
6	.98	1.2	1.2	1.7	1.4	1.9	2.9	6.2	7.9	.80	.61	.56
7	1.1	1.1	1.2	1.3	1.4	1.9	2.8	2.8	1.1	.76	.59	.55
8	1.1	1.1	1.2	2.4	1.4	1.7	2.5	2.0	.90	1.4	.60	.54
9	.93	2.5	1.1	1.5	1.4	1.6	2.5	2.2	.93	1.0	.59	.54
10	.97	1.4	1.1	1.5	1.4	1.6	2.5	2.3	.72	.87	.58	.57
11	1.0	1.0	1.1	1.4	1.2	e1.5	2.4	2.2	.69	.82	.60	1.6
12	1.3	1.1	1.2	2.6	1.7	e2.0	2.2	2.2	1.4	.79	.50	.52
13	.99	1.1	1.2	1.6	1.5	e2.5	2.9	2.0	9.3	.86	.59	.59
14	.97	1.3	1.3	1.5	1.4	2.0	2.1	2.1	1.1	.78	.57	.46
15	.98	1.0	1.2	1.5	1.3	33	2.8	2.1	.86	.66	.54	.45
16	.99	1.0	4.2	1.5	1.8	e3.8	2.1	2.1	.83	.73	.53	.38
17	.97	1.5	5.6	1.5	4.5	3.6	2.2	2.1	.67	.71	.51	.45
18	.95	1.2	1.7	1.5	2.0	3.0	2.1	1.9	.68	.69	.52	.44
19	.91	3.4	1.8	3.4	2.0	2.8	2.0	1.8	.64	.76	.45	.44
20	1.1	1.4	1.5	2.7	1.9	16	2.0	2.5	.76	1.1	.49	.45
21	1.2	1.1	1.5	1.7	e1.9	8.3	2.1	2.2	.65	.88	.50	.47
22	.94	1.0	1.4	1.7	9.5	4.3	1.9	2.6	2.3	.71	.49	.58
23	1.0	.98	1.6	1.5	2.4	3.6	1.9	2.8	.90	.79	.46	.35
24	1.0	1.0	1.4	1.5	2.1	3.2	1.9	2.6	.70	.82	.50	1.4
25	.98	6.0	1.3	1.5	2.2	2.9	3.3	2.7	.94	3.3	.49	.56
26	1.0	1.3	2.6	1.5	1.8	2.8	2.0	2.4	.84	1.2	.38	.69
27	.95	1.3	1.4	1.5	1.6	2.7	2.0	2.3	1.2	.88	.48	.45
28	1.0	1.2	1.4	1.4	1.6	2.9	1.9	2.2	.88	.93	.56	.46
29	.91	1.2	1.4	1.4	---	24	1.9	2.5	.79	1.0	.45	.43
30	1.1	1.1	1.4	2.0	---	5.9	1.8	1.4	1.3	.81	.47	.40
31	1.0	---	1.4	1.5	---	3.9	---	1.6	---	.80	.49	---
TOTAL	30.79	42.85	49.4	51.7	56.5	164.0	74.2	71.3	51.30	29.16	16.98	18.19
MEAN	.99	1.43	1.59	1.67	2.02	5.29	2.47	2.30	1.71	.94	.55	.61
MAX	1.3	6.0	5.6	3.4	9.5	33	4.8	6.2	9.3	3.3	.74	1.6
MIN	.87	.97	1.1	1.3	1.2	1.5	1.8	1.4	.64	.66	.38	.35
CFSM	.31	.44	.49	.51	.62	1.63	.76	.71	.53	.29	.17	.19
IN.	.35	.49	.57	.59	.65	1.88	.85	.82	.59	.33	.19	.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2001, BY WATER YEAR (WY)

MEAN	1.20	1.62	1.66	2.78	3.13	4.77	4.21	2.94	2.20	1.66	1.48	1.72
MAX	1.46	2.17	2.13	3.59	4.67	7.43	9.79	5.99	3.34	2.35	2.87	2.68
(WY)	1999	1999	1999	1999	1999	1998	1998	1998	1998	1999	2000	2000
MIN	.99	1.25	1.26	1.67	2.02	2.53	2.23	1.31	.66	.94	.55	.61
(WY)	2001	2000	2000	2001	2001	1999	2000	2000	2000	2001	2001	2001

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SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1998 - 2001
ANNUAL TOTAL	760.12	656.37	
ANNUAL MEAN	2.08	1.80	
HIGHEST ANNUAL MEAN			2.08
LOWEST ANNUAL MEAN			2.40
HIGHEST DAILY MEAN	40	Mar 20	1.80
LOWEST DAILY MEAN	.32 a	Jul 4	82
ANNUAL SEVEN-DAY MINIMUM	.39	Jul 16	Mar 8 1998
MAXIMUM PEAK FLOW			.32 Jul 4 2000
MAXIMUM PEAK STAGE			.39 Jul 16 2000
ANNUAL RUNOFF (CFSM)	.64		294 Jul 25 2000
ANNUAL RUNOFF (INCHES)	8.73		8.58 Jul 25 2000
10 PERCENT EXCEEDS	2.7		.64
50 PERCENT EXCEEDS	1.3		8.73
90 PERCENT EXCEEDS	.63		4.1
			1.6
			.73

a Also occurred Jul. 5, 21.

e Estimated

